

Claims

1. A coded-data decoding/playback apparatus comprising: an
image input means for inputting compressed image data;
5 an image decoding means for decoding blocks containing
intra-coded data which can be independently decoded and which
is included in the compressed image data inputted by said image
input means in response to placement of said image decoding
means in a trick play mode in which image data is played back
10 at a high speed;
an image storage means for storing decoded image data
about said blocks decoded by said image decoding means; and
an image decoding/playback control means for placing said
image decoding means and said image storage means in the trick
15 play mode so as to superimpose the decoded image data about said
blocks on one another, to make said image storage means store
the superimposed decoded image data, and to make said image
storage means output the decoded image data about said blocks
stored in said image storage means at a playback speed which
20 is specified thereby.
2. The coded-data decoding/playback apparatus according to
Claim 1, characterized in that the blocks containing
intra-coded data which can be decoded independently and which
25 is selected and decoded by said image decoding means are
macroblocks each of which is a smallest unit of coding, slices
each of which is a smallest unit of resynchronization, or
pictures each of which is a unit of image.
- 30 3. The coded-data decoding/playback apparatus according to

Claim 1, characterized in that said image input means inputs compressed image data which can be accessed at random in a direction opposite to a time direction of a coded stream transmitted.

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4. The coded-data decoding/playback apparatus according to Claim 1, characterized in that said apparatus includes an error detecting unit for detecting occurrence of an error in the compressed image data inputted by said image input means, and
10 for, when error occur in the compressed image data at a high frequency, making said image decoding/playback control means select specification of the trick play mode.

5. The coded-data decoding/playback apparatus according to
15 Claim 1, characterized in that said apparatus includes an error detecting unit for detecting occurrence of an error in the compressed image data inputted by said image input means, an image quality judging unit for judging quality of the decoded image data outputted from said image storage means, and a mode
20 determining unit for making said image decoding/playback control means specify the trick play mode when said error detecting unit detects occurrence of an error in the compressed image data, and said image quality judging unit judges that a problem arises in quality of the decoded image data outputted
25 from said image storage means.